

STANLEY
URBAN DISTRICT COUNCIL
(Yorks.)



REPORT

of the

Medical Officer of Health

For the Year 1939

WAKEFIELD :
W. H. MILNES LTD., 16 WOOD STREET

Stanley (Yorks.) Urban District Council



ANNUAL REPORT

For the Year ending 31st December, 1939

To the Stanley Urban District Council.

LADIES AND GENTLEMEN,

As you are aware, Dr. Stephens has joined His Majesty's Forces, and in consequence it has fallen to me to present the report usually given by the Medical Officer of Health.

R. BLAKEY,
Sanitary Inspector.

Area : 5,169 acres.

Census figures, 1931 : 15,885.

Registrar General's Estimate for 1939 : 15,900.

Number of inhabited houses 1939, according to rate book, 4,420.

Rateable Value : 57,802.

Net product of a penny rate : £241.

The Urban District of Stanley is bounded on the South side by the City of Wakefield, on the North by the Urban District of Rothwell, on the West by the Boroughs of Morley and Ossett and on the East by the Urban Districts of Rothwell and Altofts and the Rural District of Wakefield.

The neighbouring towns of Leeds and Wakefield provide employment for a number of the residents.

Statistics
and Social
Conditions
of the Area

Vital Statistics				M.	F.	Total
Live Births	Live Births—Legitimate	...	...	121	104	225
	Illegitimate	...	...	3	5	8
	Total	..	..	124	109	233

Birth rate per 1,000 of the estimated resident population :
14·65.

				M.	F.	Total
Still Births	Still Births—Legitimate	...	...	3	4	7
	Illegitimate	...	...	1	—	1
	Total	..	..	4	4	8

Birth rate (Live and still) per 1,000 of the estimated resident population : 15·16.

				M.	F.	Total
Deaths	Deaths	...	...	105	100	205

Death rate per 1,000 of the estimated resident population :
12·89.

	Deaths.	Rate per 1,000 total (live and still) Births.
Deaths from Puerperal causes :—		
Puerperal Sepsis	... nil.	0·00
Other Puerperal Causes	1	4·29

Death rate of Infants under 1 year :—

All Infants per 1,000 live births	...	42·91
Legitimate Infants per 1,000 legitimate live births	... ..	40·00
Illegitimate Infants per 1,000 illegitimate live births	... ..	142·86

Deaths from Diarrhoea (under 2 years of age)	1
Rate per 1,000 population	... .. 0·06
Rate per 1,000 live births	... .. 4 29

Deaths from Measles (all ages) nil.

Deaths from Whooping Cough (all ages) nil.

Deaths from Cancer (all ages) 24

				<i>Males.</i>	<i>Females.</i>	<i>Total.</i>	Deaths in Age Groups
Under 1 year	...	...	...	7	3	10	
1—5	„	...	...	5	4	9	
5—10	„	...	...	1	1	2	
10—15	„	...	...	3	—	3	
15—20	„	...	...	2	—	2	
20—25	„	...	...	2	2	4	
25—35	„	...	...	4	3	7	
35—45	„	...	...	3	2	5	
45—55	„	...	...	9	9	18	
55—65	„	...	...	15	19	34	
65—70	„	...	...	15	8	23	
70—75	„	...	...	11	16	27	
75—80	„	...	...	12	10	22	
80—85	„	...	...	11	10	21	
85—90	„	...	...	5	9	14	
90—95	„	...	...	—	3	3	
95 and over	...	...	...	—	1	1	
Totals	...	...	...	105	100	205	

The death rate for the district was 12·89 per 1,000 population. Death Rate

The adjusted death rate which is computed by multiplying the crude death rate by the comparability factor of 1·14 was 14·69.

I give below our infantile mortality rates for the past 17 years. The table shews how this rate has fluctuated, and should be of interest. Infantile
Mortality
Rate

1923	...	...	116·2	1932	...	...	84·5
1924	...	...	89·0	1933	...	...	56·1
1925	...	...	103·0	1934	...	...	85·0
1926	...	...	98·3	1935	...	...	30·1
1927	...	...	67·3	1936	...	...	34·7
1928	...	...	81·1	1937	...	...	29·4
1929	...	...	62·3	1938	...	...	69·5
1930	...	...	65·8	1939	...	...	42·9
1931	...	...	60·2				

The number of infantile deaths, i.e., deaths of infants under one year of age, during 1939 was 10.

INFANTILE MORTALITY IN 1939.

Net deaths from stated causes under one year of age in Stanley Urban District.

CAUSE OF DEATH.		Under 1 Week.	1—2 Weeks.	2—3 Weeks.	3—4 Weeks.	Total under 1 Month.	1—3 Months.	3—6 Months.	6—9 Months.	9—12 Months.	Total under 1 Year.
Premature Birth, Malformation, etc.	.. ..	4	..	2	..	6	1	..	..	..	7
Pneumonia	.. ..	..	..	..	..	..	1	..	..	..	1
Bronchitis	.. ..	..	..	..	..	..	..	..	..	..	..
Enteritis and Diarrhoea	.. ..	..	..	..	..	..	..	1	..	..	1
Other Causes	.. ..	..	..	..	..	..	..	..	..	1	1
Totals	.. ..	4	..	2	..	6	2	1	..	1	10

Deaths of Children under 2 years of age during 1939 from Enteritis and Diarrhoea

One child under 2 years of age died from enteritis and diarrhoea during 1939, the rate per 1000 births being 4.29.

The Neo. Mortality rate (the mortality rate during the first month of life) for 1939 was 25.75 per 1000 registered live births. Neo Mort-
ality Rate

Comparison with previous years is offered in the table below :—

1927	...	...	38.2	1934	...	...	45.0
1928	...	...	36.9	1935	...	...	21.1
1929	...	...	54.0	1936	...	...	17.4
1930	...	...	32.9	1937	...	...	24.5
1931	...	...	37.0	1938	...	...	30.4
1932	...	...	32.9	1939	...	...	25.7
1933	...	...	20.4				

	Scarlet Fever.	Measles.	Whooping Cough.	Diphtheria.	Enteric.	Small Pox.	Diarrhoea, under 2 years.	Zymotic Death Rate.	Zymotic Death Rate
No. of Deaths ..	1	—	2	2	—	—	1	0.38	

STANLEY URBAN DISTRICT

Vital Statistics for the whole District during the year 1939, and previous years

YEAR	Population estimated to middle of each Year	BIRTHS			Total Deaths Registered in District		Transferable Deaths		Under One Year of Age		At all Ages	
		Uncor-rected Number	Nett		Number	Rate	Non-Residents Registered in the District	Residents Registered elsewhere	Number	Rate per 1,000 Registered Births	Number	Rate per 1,000
			Number	Rate								
1	2	3	4	5	6	7	8	9	10	11	12	13
1924	15180	376	336	22.1	134	8.8	6	26	30	89.0	154	10.1
1925	15290	330	330	21.9	150	9.8	8	39	36	109.0	181	11.9
1926	14930	305	305	20.4	150	10.0	10	28	30	98.3	178	11.9
1927	14990	282	282	19.4	141	9.3	8	38	19	63.3	171	11.4
1928	14690	271	271	18.4	132	8.1	3	37	22	81.1	166	11.3
1929	14810	239	239	16.0	184	14.6	6	45	13	62.3	184	14.6
1930	14860	243	243	16.3	159	10.7	35	14	18	65.8	159	10.7
1931	14750	216	216	14.6	166	11.2	18	32	13	60.0	180	12.2
1932	14420	213	213	14.7	151	10.5	12	65	18	84.5	204	14.1
1933	14390	196	196	13.6	110	7.6	10	40	11	56.1	140	9.7
1934	14350	178	200	13.9	131	9.1	12	60	17	85.0	179	12.4
1935	14230	169	199	13.9	121	8.5	11	50	6	30.1	160	11.2
1936	14020	194	230	16.4	114	8.1	11	39	8	34.7	142	10.1
1937	15470	155	204	13.5	136	9.0	8	59	6	29.4	187	12.4
1938	15660	169	230	14.6	134	8.5	6	44	16	69.5	172	10.9
1939	15900	185	233	14.6	161	10.1	13	57	10	42.9	205	12.8

Causes of Death in 1939.

CAUSES OF DEATH					MALES.	FEMALES.
All Causes ..	..	..	..	..	105	100
1. Typhoid and paratyphoid fevers	..	..	..	..	..	..
2. Measles	..	..	..	..	..	..
3. Scarlet Fever	..	..	..	..	1	..
4. Whooping Cough	..	..	..	..	1	1
5. Diphtheria	..	..	..	..	1	1
6. Influenza	..	..	..	..	..	2
7. Encephalitis lethargica	..	..	..	..	..	..
8. Cerebro-spinal fever	..	..	..	..	..	..
9. Tuberculosis of respiratory system	..	..	..	..	..	2
10. Other tuberculosis disease	..	..	..	..	1	1
11. Syphilis	..	..	..	..	..	..
12. General paralysis of the insane, tabes dorsalis	..	..	..	..	2	..
13. Cancer, malignant disease	..	..	..	..	13	11
14. Diabetes	..	..	..	..	2	5
15. Cerebral Haemorrhage, &c.	..	..	..	..	16	15
16. Heart Disease	..	..	..	..	26	36
17. Aneurysm	..	..	..	..	..	..
18. Other circulatory diseases	..	..	..	..	7	3
19. Bronchitis	..	..	..	..	2	4
20. Pneumonia (all forms)	..	..	..	..	5	4
21. Other respiratory diseases	..	..	..	..	1	..
22. Peptic Ulcer	..	..	..	..	..	..
23. Diarrhoea, &c. (under 2 years)	..	..	..	..	1	..
24. Appendicitis	..	..	..	..	..	1
25. Cirrhosis of liver	..	..	..	..	..	..
26. Other diseases of liver, etc.	..	..	..	..	..	1
27. Other digestive diseases	..	..	..	..	..	1
28. Acute and chronic nephritis	..	..	..	..	6	1
29. Puerperal sepsis	..	..	..	..	..	..
30. Other puerperal causes	..	..	..	..	..	1
31. Congenital debility, premature birth, malformation, etc.	..	..	..	..	5	2
32. Senility	..	..	..	..	2	3
33. Suicide	..	..	..	..	..	..
34. Other violence	..	..	..	..	9	1
35. Other defined diseases	..	..	..	..	4	3
36. Causes ill-defined or unknown	..	..	..	..	..	..
37. Diarrhoea (2 years and over)	..	..	..	..	..	1
Special Causes (included in No. 35 above)—						
Small-pox	..	..	..	..	..	..
Poliomyelitis	..	..	..	..	..	..
Polioencephalitis	..	..	..	..	..	..
Deaths of	{	Total	..	..	7	3
Infants		Legitimate	..	..	6	3
under 1 year.		Illegitimate	..	..	1	..
Live Births.	{	Total	..	..	124	109
		Legitimate	..	..	121	104
		Illegitimate	..	..	3	5
Still-Births.	{	Total	..	..	4	4
		Legitimate	..	..	3	4
		Illegitimate	..	..	1	..
Population (Resident)	..	..	..	..	(a) 15,900 (b) 15,860	
Comparability Factor	..	..	..	..	1.14	

BIRTH-RATES, DEATH-RATES, ANALYSIS OF
MORTALITY, MATERNAL DEATH-RATES,
AND CASE-RATES FOR CERTAIN INFECTIOUS
DISEASES IN THE YEAR 1939.

England and Wales, London,
126 Great Towns and 148
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

	Stanley U.D.C.	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns (Resi- dent Popula- tions 25,000 to 50,000 at 1931 Census).	London Adminis- trative County
Rates per 1,000 Population.					
Births :—					
Live	14·65	15·0	14·8	15·6	12·3
Still	0·50	0·59	0·59	0·57	0·44
Deaths :—					
All Causes	12·89	12·1	12·0	11·2	11·9
Typhoid and Para- typhoid fevers	0·00	0·00	0·00	0·00	0·00
Smallpox	—	—	—	—	—
Measles	0·00	0·01	0·01	0·01	0·00
Scarlet Fever	0·06	0·00	0·00	0·00	0·00
Whooping Cough	0·12	0·03	0·03	0·02	0·03
Diphtheria	0·12	0·05	0·05	0·04	0·02
Influenza	0·12	0·21	0·19	0·20	0·18
Violence	—	—	—	—	—
Notification :—					
Smallpox	0·00	0·00	—	—	—
Scarlet Fever	4·40	1·89	1·96	1·78	1·53
Diphtheria	1·26	1·14	1·21	1·16	0·98
Enteric Fever	0·06	0·04	0·03	0·04	0·03
Erysipelas	0·37	0·34	0·40	0·31	0·37
Pneumonia	1·88	1·02	1·21	0·89	0·99
Rates per 1,000 Live Births.					
Deaths under 1 year of age	42	50	53	40	48
Deaths from Diarrhoea and Enteritis under 2 years of age	4·3	4·6	6·3	3·0	8·2
Maternal Mortality.—					
Puerperal Sepsis	0·00	0·77	} Not available		
Others	4·29	2·16			
Total	4·29	2·93			
Rates per 1,000 Total Births (i.e., Live and Still).					
Maternal Mortality:—					
Puerperal Sepsis	0·00	0·74	} Not available		
Others	4·14	2·08			
Total	4·14	2·82			
Notifications :—					
Puerperal Fever	4·14	14·35	17·26	12·99	3·31
Puerperal Pyrexia					14·22

* Adjusted Death Rate for Stanley U.D.C.— $12·89 \times 1·14 = 14·69$.

SECTION B.

General Provision of Health Services in the Area.

PUBLIC HEALTH OFFICERS.

*Medical Officer of Health (part time):—Dr. T. Stephens, M.R.C.S., L.R.C.P.

*Chief Sanitary Inspector:—R. Blakey. Cert. R.S.I., M.S.I.A., Certificated Inspector of Meat and other Foods. Diploma in Public Administration (Leeds University).

*Additional Sanitary Inspectors:—(1) L. Dove, Cert. R.S.I., M.S.I.A., Certificated Inspector of Meat and other Foods. (2) E. Heald, Cert., R.S.I., M.S.I.A., Certificated Inspector of Meat and other Foods.

Clerk :—R. Thorp.

*Half the salaries of these four officers are paid by the County Council.

There is no change in the laboratory facilities for the Laboratory district. The examination of sputum, swabs, and other Facilities pathological specimens is carried out by the County Council, who also examine milk for tubercle bacilli and bacterial content. Samples of milk taken under the Foods and Drugs Act, are submitted to the County Analyst at Bradford to whom samples of water and foodstuff are also sent.

The Council provide and maintain an Austin '20' Ambu- Ambulance lances for the conveyance of accident and non-infectious cases Facilities to hospital. The following charges are made:—

Wakefield	... 5/-	Leeds	... 12/6
Others	1/6 per mile.	Waiting extra.	

The arrangements for infectious cases are in the hands of the Joint Infectious Diseases Hospital who have two ambulances for the purpose. The facilities are adequate for the district, the only comment I can make is perhaps on the vehicles themselves which are all rather aged. During the year 208 journeys were made by the Council's Ambulance.

There are two voluntary associations in the area for Nursing in nursing in the home:— the Home

- (a) Outwood Parish District Nursing Association.
- (b) Stanley District Nursing Association.

Clinics and
Treatment

A Maternity and Child Welfare Centre is provided by the County Council at each of the following centres:—
Stanley, Outwood and Wrenthorpe.

Hospitals

(1) General Infectious Diseases:—

(a) Carr Gate Isolation Hospital.

(b) Cardigan Smallpox Hospital.

Carr Gate Isolation Hospital is for the reception and treatment of ordinary infectious disease. It is owned and maintained jointly by the Wakefield Rural, Morley Borough and Stanley Urban Councils, and controlled by a Joint Committee formed by members of those Councils.

Cardigan Smallpox Hospital is governed by a body composed of representatives from the City of Wakefield, Borough of Morley, the Urban Districts of Horbury, Rothwell and Stanley, and the Rural Districts of Wakefield.

During recent years when smallpox in the district has fortunately not been prevalent, the Hospital has been leased to the West Riding County Council for use as a sanatorium. Arrangements are such that the premises would be vacated and made immediately available in the event of an outbreak of smallpox.

With regard to the isolation and treatment of cerebro-spinal meningitis cases, for which we have no definite accommodation, we have always been fortunate in obtaining admission of cases to the Brierly Hill Isolation Hospital, Hemsworth.

(2) Voluntary Hospitals:—

The hospitals used by the inhabitants of Stanley for accidents and general diseases are:—

(a) Clayton Hospital, Wakefield.

(b) General Infirmary, Leeds.

(c) Women and Children's Hospital, Leeds.

The Council have no arrangements with any of the above voluntary hospitals, for the admission of patients.

(3) Public Assistance Hospitals.

(a) The County Hospital, Wakefield.

Cases to the County Hospital are generally moved in the Council's ambulance, and the fee of 5/- claimed from the County Council.

The three trained midwives in the employ of the County Council carry on the main midwifery practice in the area. Midwifery
and Matern-
ity Services

SECTION C.

Sanitary Circumstances of the Area.

The following is the analysis of a sample of water taken during the year.

Total Solids	...	...	...	...	8.52
„ „ Ash	...	...	...	...	6.52
Chlorides (in terms of Sodium Chloride)					1.85
Ammoniacal Nitrogen from free and saline ammonia	...				0.0024
Albuminoid Nitrogen (Wanklyn)	...				0.0005
Nitrous Nitrogen from Nitrites	...				trace
Nitrous Nitrogen from Nitrates	...				0.044
Oxygen absorbed in 3 mins. from N/80 permanganate at 80° F. (total)					0.008
Oxygen absorbed in 4 hours from N/80 permanganate at 80° F. (total)					0.022
Alkalinity in terms of CaCO ₃ to M.O.					1.65
Hardness (in terms of CaCO ₃) Total	...				4.9
				Permanent	4.7
				Temporary	0.2
Magnesia (in terms of MgO)	...	...			0.40
Lead (in terms of Pb.)	...	...			Nil.
Plumbo-solvency (lead taken up in 24 hours)					0.04
Free Chlorine at time of sampling	..				Nil.

Bacteriological Examination.

Presumptive B. Coli absent from 100 mls.

Total bacteria developing at 37°C. per ml. is less than one.

Complaints are still being received from the West Riding Rivers and Rivers Board about the bad effluent from the Smalley Bight Streams Sewage Works. This is reported annually, and as stated previously is due to the fact that the land treatment side of the works is overloaded because of the inadequacy of the works generally to deal with the amount of sewage being received.

Plans for enlargement have been shelved during the war period.

Drainage
and Sewer-
age

There was no extension of the sewers during the year other than those laid to serve new houses, for which purpose 584 yds. were laid.

The last Annual Report made reference to four cottages at Lee Moor which became flooded with sewage during week-ends. These cottages have now been demolished under the Housing Acts and the tenants re-housed in Council houses.

Closet
Accommo-
dation

During the year one privy was converted into a water closet with the Council contributing their proportion of the cost.

Below is the usual table shewing the number and type of closets as compared with 1926.

	<i>No. of Privies</i>	<i>No. of W.C.'s</i>	<i>No. Waste W.C.'s</i>
1926	1,092	1,387	12
1939	174	4,324	12

Public
Cleansing

The scavenging of the district is carried out by direct labour, and gives very little cause for complaint.

The Council continued the practice of offering a first-class bin at very little more than cost price to any person wishing to buy one. This has been found to be a boon to owners, as there are no ironmongers in the district and it also secures quick compliance with our informal notice. 74 bins were sold during the year.

Cleansing of cesspools is carried out once per month and we have an arrangement with the Rothwell Urban District Council for the loan of their mechanical emptier for this purpose.

Bins are emptied every 7 days, and ashpits, for which we must keep a horse and cart specially, owing to their inaccessibility, are emptied approximately every 21 days.

Infectious Disease Prevention.

Sanitary
Inspection
of Area

Inspections and Disinfections	...	156
Further Inquiries	... ..	4
Schools Disinfected	... ..	—
Other Disinfections	... ..	4
Miscellaneous Visits	... ..	—

164

Cowsheds and Foods.

Cowsheds and Dairies	... ..	44
Milk Samples	... ..	18
Meat Inspection	... ..	1239
Bakehouses	... ..	16

1317

Housing.

Houses Inspected and recorded	...	130
Re-visits	... ..	63
General Surveys	... ..	36
Council Houses	... ..	20
Houses measured for overcrowding		—

249

Offensive Trades.

Fried Fish Shops	... ..	47
Other Trades	... ..	—

47

Sanitary Matters.

For Nuisances	... ..	3
Verminous Premises	... ..	21
Privies	... ..	—
Drains tested	... ..	14
New Drains, taking of Levels, etc.		7

45

Scavenging.

Refuse Tips	... ..	36
Supervision of Workmen	...	—

36

Factories and Workshops	... ..	3
Smoke Observation	... ..	12
Tents, Vans and Sheds	... ..	—
Shop Acts	... ..	18
Miscellaneous	... ..	567
Council House Complaints	... ..	383
Inspections of Repairs	... ..	74

1057

2915

Number of Statutory Notices (Public Health Acts)	4
Do. Statutory Notices (Housing Act, 1936)	2
Do. Informal Notices served	199
Do. Letters sent	3266
Number of Nuisances reported to Sanitary Committee	4
Do. abated on Service of Statutory Notice (Public Health Acts)	4
Do. of reported Nuisances outstanding, 1939	Nil.

Shops Act 1934

There are very few shops to which the Shops Act applies in this district, the general type being the small "house-shop" run solely by the shopkeeper. The premises to which the Act does apply are all of good construction and have satisfactory heating, washing and sanitary arrangements.

In two cases where accommodation is restricted, exemption from providing special sanitary conveniences and washing facilities have been granted under Section 10 (6) as such facilities are reasonably available.

Camping Sites

There are no camping sites in the district.

Smoke Abatement

The Lofthouse Colliery chimney continues to emit vast quantities of black smoke.

Colliery Spoil Heap

During the year, definite action was at last taken to control the nuisance arising from the Lofthouse Colliery spoil heap. This tip has been burning for years now, but the advent of war rendered it necessary to stop the burning, and water pipes have been laid on and the fires put out.

Swimming Baths

None in the area.

Bed Bugs

Sulphur candles issued free to ratepayers and during the year 32 householders made application for them.

Offensive Trades

The whole of the fried fish shops in the district were inspected throughout the year and no action was necessary, the standard of cleanliness being very good.

During the year extensive improvements were effected at one of the fried fish shops. All the walls of the shop were tiled to ceiling height, a new brick preparing room with concrete floor built and a new shop front fitted.

Premises 1	Number of		
	Inspections 2	Written Notices 3	Occupiers Prosecuted 4
Factories ... (Including Factory Laundries)	3	1	—
Workshops ... (Including Workshop Laundries)	—	—	—
Workplaces ... (Other than Outworkers' Premises)	—	—	—
Total ...	3	1	—

The notice was in respect of a Factory where the sanitary accommodation for the separate sexes was not indicated by a notice for each sex.

Defects found in Factories, Workshops and Workplaces:

Particulars (1)	Number of Defects			Numbers of offences in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	—	—	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	—	—	—	—
Sanitary accommodation {	insufficient	—	—	—
	unsuitable or defective	—	—	—
	not separate for sexes	—	—	—
<i>Offences under the Factory and Workshop Acts:—</i>				
Illegal occupation of underground bake-house (s. 101)	—	—	—	—
Other offences	1	1	—	—
Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921				
Total	1	1	—	—

Schools Closed

The following two schools were closed during the year for the reasons stated :—

Wrenthorpe Infants	...Influenza	...2 weeks Jan.-Feb.
Stanley St. Peter's	...Whooping	
Infants	Cough	...2 weeks Apl.-May

Rag Flock
Acts 1911
& 1928

We have no premises in the area which come within the provisions of these Acts.

SECTION D.

HOUSING STATISTICS.

1.	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	130	1. Inspection of Dwelling-Houses during the Year
	(b)	Number of Inspections made for the purpose	229	
2.	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	130	
	(b)	Number of Inspections made for the purpose.	130	
3.		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	9	
4.		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	121	2. Remedy of Defects during the Year without Service of formal Notices
		Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	46	
(a)		Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—		3. Action under Statutory Powers during the Year
	(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	2	
	(2)	Number of dwelling houses which were rendered fit after service of formal notices :—		
	(a)	By owners	2	
	(b)	By Local Authority in default of owners	Nil.	
(b)		Proceedings under Public Health Acts :—		
	(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil.	
	(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—		
	(a)	By owners	Nil.	
	(b)	By Local Authority in default of owners	Nil.	

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—		
(1)	Number of representations etc. made in respect of dwelling-houses unfit for habitation	9
(2)	Number of dwellinghouses in respect of which Demolition Orders were made ...	4
(3)	Number of dwelling-houses demolished in pursuance of Demolition Orders	6
(d) Proceedings under section 12 of the Housing Act, 1936 :—		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.
4. Housing Act 1936 Part IV.	(a) (i)	Number of dwellings overcrowded at the end of the year 94
	(ii)	Number of families dwelling therein ... 105
	(iii)	Number of persons dwelling therein ... 575½
	(b)	Number of new cases of overcrowding reported during the year Nil.
	(c) (i)	Number of cases of overcrowding relieved during the year 71
	(ii)	Number of persons concerned in such cases 422
	(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding Nil.
	(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report Nil.

Clearance Areas

No areas were declared as Clearance Areas during the year owing to the intervention of war, but the following Areas declared in 1938 were the subject of a Ministry of Health Inquiry during 1939.

<i>Area No.</i>	<i>Area</i>	<i>Houses</i>	<i>Persons</i>
35	"White Houses" Ferry Lane, Stanley ...	2 ...	6
36	Ferry Lane, Stanley	2 ...	7
37	"Spa Fold", Stanley	7 ...	25
38	Baker Lane, Stonley	4 ...	16
39	Lake Lock Road, Stanley	13 ...	38
40	Moor Road, Stanley	3 ...	10
41	Lee Moor Road, Stanley	4 ...	12
42	Potovens Lane, Lofthouse Gate ...	8 ...	18
43	"Beck Bottom," Kirkhamgate ...	2 ...	6
44	Lingwell Nook Lane, Outwood ...	2 ...	7
45	Potovens Lane, Lofthouse Gate ...	3 ...	11
46	"Low Fold," Carr Gate	6 ...	15
47	Newton Lane, Outwood	2 ...	7
48	Newton Buildings, Outwood	5 ...	15
		<hr/> 63	<hr/> 193

During the year 9 houses were represented for action under Section 11 of the Housing Act 1936 Individual
Houses

Undertakings were submitted by owners or agents in respect of 5 of the houses. Four of the undertakings to use the buildings for other purposes were accepted, and 1 undertaking was not accepted after careful consideration.

Sixteen families from condemned individual unfit houses were rehoused during 1939 and 1 further family left of their own accord.

The Council have made very satisfactory progress in their rehousing programme during the year. General
Observa-
tions as to
Progress

As already shewn in a preceding table, 71 cases of overcrowding were abated. In addition 16 families from individual unfit houses, and 52 families from houses included in Clearance Areas were all rehoused in houses erected by the Council.

At December 31st the progress of the Council under the Housing Acts was as summarised below :—

Clearance Areas :—

Number of Clearance Areas declared	...	48
Number of houses therein ...	...	279
Number of persons involved	...	994
Number of Clearance Areas confirmed	...	48

Individual unfit houses :—

Number of houses represented	...	101
Number of Demolition Orders	...	60
Number of Closing Orders ...	...	14
Number of undertakings to repair	...	22
Number of undertakings not to use	...	4
Number under consideration	...	1

SECTION E.

Inspection and Supervision of Food.

Milk Supply Five official samples of milk were taken from the various retailers of the district and submitted to the Public Analyst at Bradford.

One of these samples was found to contain added water, and the retailer was warned by the County Council. One sample of milk was taken from a producer for bacteriological examination.

Inspection and Supervision of Milk Supply Forty-four visits were made to the various dairies and cowsheds during the year.

Informal notices were served on 4 cowkeepers requiring limewashing of premises. All the notices were complied with and no statutory action was necessary.

Meat Inspection Inspection of carcasses at the Bacon Factory, along with private slaughterhouses, still continued to occupy a large proportion of the Inspector's time and 1,263 visits were made for the purposes of meat inspection, 21½ tons of meat and offals being condemned during the year.

The usual table is given in the Sanitary Inspector's Report giving details of meat condemned, carcasses examined etc.

Nutrition No action during 1939.

Shell-fish There are no shell-fish layings in the district.

SECTION F.

Prevalence of, and Control over, Infectious and other Diseases.

Statement of Notification of Infectious Diseases received during the Year 1939.

Stanley Urban Sanitary District.

Cases notified or otherwise ascertained.		Cases removed to Hospital.	
Smallpox.	..	70	1
Scarlet Fever.	20		
Diphtheria, including Membranous Group.	..		
Typhoid.	1		
Enteric Fever.	30		
Pneumonia.	..		
Puerperal Fever.	1		
Puerperal Pyrexia.	..		
Cerebro-Spinal Fever.	..		
Acute Poliomyelitis.	..		
Acute Polio-Encephalitis.	..		
Encephalitis Lethargica.	..		
Typhus Fever.	..		
Relapsing Fever.	..		
Continued Fever.	..		
Dysentery.	3		
Ophthalmia Neonatorum.	6		
Erysipelas.	17		
Respiratory Tuberculosis (New Cases only).	7		
Other Forms of Tuberculosis (New Cases only).	..		
Contracted in England.	..		
Induced in Institutions.	..		
Malaria.	..		
Chickenpox.	..		
Measles (excluding German Measles).	..		
Whooping Cough.	..		
Other Diseases (Please specify).	..		
Smallpox.	..	63	20
Scarlet Fever.	1		
Diphtheria.	..		
Enteric Fever.	..		
Other Diseases (Cerebro-Spinal Fever).	..		
Puerperal Fever.	..		
Puerperal Pyrexia.	..		

CASES NOTIFIED IN 1939 IN AGE GROUPS.

Disease.	Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5-9 yrs.	10-14 yrs.	15-19 yrs.	20-34 yrs.	35-44 yrs.	45-60 yrs.	60-64 yrs.	65 yrs. and over.	Total.
Smallpox ..	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever (including Paratyphoid)	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	F ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases.	F ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Generally Notifiable:—	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Fever	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neonatorum	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	M ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	M 1	1	3	6	8	15	7	6	9	3	2	..	2	63
	F 2	1	5	1	3	15	18	6	8	2	5	1	1	68
	3	2	8	7	11	30	25	12	17	5	7	1	3	131

Notifiable Diseases. Monthly Incidence during 1939.

Incidence of Disease.	January.	February.	March.	April.	May.	June.	July.	August.	Sept.	October.	November.	December.	Total.
Smallpox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	4	7	5	4	5	6	7	4	5	4	8	11	70
Diphtheria .. ..	..	1	..	..	2	2	1	5	4	3	1	1	20
Enteric Fever (including Paratyphoid) ..	..	..	..	..	..	..	..	..	1	..	..	..	1
Puerperal Pyrexia .. ..	..	..	..	..	..	..	..	..	1	..	..	..	1
Pneumonia	6	8	2	2	3	2	3	..	..	..	2	2	30
Other Diseases.—Generally notifiable :—													
Acute Poliomyelitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neonatorum	1	1	..	..	1	..	..	..	..	..	..	..	3
Erysipelas .. ..	..	..	..	..	..	..	2	..	..	1	2	1	6
Totals	11	17	7	6	11	10	13	9	11	8	13	15	131

General Remarks

Notification and Disinfection All cases are notified direct to the Health Department by 'phone in the first instance, who get into immediate contact with the hospital. This ensures a very speedy removal, even after office hours, the latter cases being dealt with by the caretaker.

The Department follows the ambulance and makes all enquiries; and disinfection of the room and bedding etc., is also done at the same time by formalin spray and lamps.

We have no steam disinfectors.

Notifiable Diseases (other than Tuberculosis) during
the year 1939.

Disease	Total Cases Notified	Cases admitted to Hospital	Total Deaths		
			M.	F.	TOTAL.
Smallpox	—	—	—	—	—
Scarlet Fever	70	63	1	—	1
Diphtheria	20	20	1	1	2
Enteric Fever (including Paratyphoid)	1	1	—	—	—
Puerperal Pyrexia	1	—	—	—	—
Pneumonia	80	—	5	4	9
Other Diseases generally notifiable :—					
Cerebro-Spinal Fever	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—
Erysipelas	6	—	—	—	—
Ophthalmia Neonatorum	3	—	—	—	—
Total	131	84	7	5	12

Tuberculosis (New Cases) for past 14 years.

Year	New Cases		Deaths	
	Pulmonary	Non- Pulmonary	Pulmonary	Non- Pulmonary
1926	25	7	10	2
1927	23	5	9	1
1928	23	1	11	4
1929	45	2	10	7
1930	7	9	3	3
1931	28	5	16	3
1932	17	14	9	4
1933	17	1	8	1
1934	10	3	6	—
1935	11	7	8	1
1936	6	6	6	3
1937	13	7	6	2
1938	9	2	8	—
1939	17	7	5	2

Tuberculosis. New Cases and Mortality during 1939.

Age Periods			New Cases				Deaths			
			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
			M	F	M	F	M	F	M	F
0—1	...	...	—	—	—	—	—	—	—	—
1—5	...	...	—	—	1	1	—	—	1	1
5—10	...	...	—	—	1	1	—	—	—	—
10—15	...	...	—	1	1	—	—	—	—	—
15—20	...	...	—	—	—	1	—	—	—	—
20—25	...	...	2	1	—	—	—	—	—	—
25—35	...	...	5	3	—	—	1	2	—	—
35—45	...	...	1	1	—	—	—	1	—	—
45—55	...	...	—	1	1	—	—	—	—	—
55—65	...	..	1	—	—	—	—	—	—	—
Over 65	...	...	—	1	—	—	1	—	—	—
Totals	...	...	9	8	4	3	2	3	1	1

TUBERCULOSIS.

Record of Cases during 1939.

				Pulmonary		Non-Pulmonary	
				M	F	M	F
No. of cases on Register at beginning of year	...	...	...	83	46	36	23
No. of cases notified for first time during year	...	...	...	9	8	4	3
No. of cases added to Register otherwise than by notification	...	...	...	—	—	—	—
No. removed to other districts	...	...	...	1	—	3	—
No. Cured	..	...	...	2	—	1	1
No. Died from disease	...	..	...	—	2	1	1
No. Died from other causes	...	...	...	2	1	—	—
Total at end of 1939	...	...	...	87	51	35	24

Stanley Urban District Council.

ANNUAL REPORT

OF THE

Sanitary Inspector and Cleansing Superintendent

(R. BLAKEY, C.R.S.I.)

For the Year 1939.

To the Chairman and Members of the Stanley Urban District Council.

LADIES AND GENTLEMEN,

I beg to submit my Eighth Annual Report upon the work done by your Health Department during the year.

A Ministerial Inquiry in respect to the 14 areas comprising 63 houses which were represented during 1939 was held during the early part of the year.

Over 1,200 visits were made to the various slaughter-houses of the district and the same strict supervision/ was exercised in the inspection of carcasses as has apertained during preceding years.

Obviously the number of inspections has decreased considerably owing to the outbreak of war, but even so it will compare favourably with previous years.

Abatement of Nuisances.

The table below shews the number and type of nuisance abated during 1939.

Table of Nuisances.

Number of Houses repaired	...	...	26
Do. Privies converted to W.C.'s	...	...	1
Do. Additional W.C.'s provided	...	...	1
Do. Choked drains and W.C.'s cleared	...	...	129
Do. Sink wastes repaired	...	...	11
Do. Defective drains relaid	...	...	3
Do. New drains laid...	...	...	6
Do. Gully traps affixed	...	...	3
Do. Water closets repaired	..	...	6
Do. Inspection chambers built	...	...	3
Do. Eaves gutters repaired	...	...	9
Do. Rain fall pipes repaired	...	...	1
Do. House roofs repaired	...	...	14
Do. Flooded cellars	...	...	2
Do. Damp houses remedied	...	...	8
Do. Damp proof courses fixed	...	...	2
Do. House floors repaired	...	...	10
Do. Outer walls repaired	...	...	9
Do. Walls replastered	...	...	70
Do. New sinks fixed	...	...	8
Do. Windows recorded	...	...	6
Do. Fire places repaired	...	...	6
Do. Washing coppers repaired	...	...	1
Do. Defective ashbins removed	...	...	49
Do. Privy middens abolished	...	...	1
Do. Ashpits abolished	...	...	2
Do. Bins provided in lieu of ashpits	...	...	5
Do. Verminous premises	...	...	49
(Bugs 32. Cockroaches 17)			
Do. Rat infested premises	...	...	34
Do. Burst services repaired	...	...	14
Do. Privies repaired...	...	...	2
Do. Ashpits repaired	...	...	1
			492

We have continued the practice of releasing choked drains, and free disinfectant is still given out to residents in the district.

Meat Inspection.

There are still 12 licensed slaughterhouses in the district. Slaughtering takes place at one or more of these on each day of the week.

All in the Department have combined to ensure that all animals killed in the area are seen, and to make sure that the public receive a clean meat.

No prosecution was taken during the year.

1263 visits were made for the purpose of inspecting the carcasses of 1,003 bovines, 1,674 sheep and 17,395 swine, a total of 20,072 carcasses.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed ...	470	508	25	1674	17,395
Number inspected ...	470	508	25	1674	17,395
All diseases except Tuberculosis ;—					
Whole carcasses con- demned ...	—	—	—	—	16
Carcasses of which some part or organ was con- demned ...	13	18	—	18	2,327
Percentage of the num- ber inspected affected with diseases other than Tuberculosis ...	2·76	3·54	—	1·07	13·47
Tuberculosis only.					
Whole carcasses con- demned ...	1	1	—	—	15
Carcasses of which some part or organ was con- demned ...	45	119	—	—	2,061
Percentage of the num- ber inspected affected with Tuberculosis ...	13·47	23·62	—	—	11·93

Amount of Meat Condemned and Destroyed.

Beef.

1 whole carcase and organs ...	50 stones	...Generalised T.B.
1 " " " ...	40 "	" " "
4 forequarters ...	47 "	...Tuberculosis
1 forequarter and brisket ...	14 "	" "
6 part carcasses ...	92 "	" "
2 bovine briskets and flanks ...	2 "	...Dropsical
2 bovine briskets ...	1 "	7lbs. Tuberculosis
1 bovine kidney fat ...	1 "	...Abscesses
Bovine kidney fats and portions of flanks ...	2 "	...Tuberculosis
1 fore shin ...	1 "	...Abscesses
58 heads and tongues ...	116 "	...Tuberculosis
1 head and tongue ...	2 "	...Abscesses
1 " " " ...	2 "	...Actinomycosis
23 bovine livers ...	23 "	...Tuberculosis
11 " " " ...	11 "	...Abscesses
6 " " " ...	6 "	...Angioma
5 " " " ...	5 "	...Cirrhosis
1 " " " ...	1 "	...Cysts
126 bovine lungs (sets of) ...	63 "	...Tuberculosis
8 " " " ...	4 "	...Degenerate Cysts
2 " " " ...	1 "	...Pleurisy
1 " " " ...		7lbs. Emphysema
1 " " " ...		7lbs. Pneumonia
7 bovine kidneys ...		10½lbs. Tuberculosis
5 " " " ...		7½lbs. Nephritis
2 bovine udders ...	1 "	...Tuberculosis
2 " " " ...	1 "	...Mastitis

488 stones 11 lbs.

Mutton.

Part of forequarters ...	14 lbs.	...Extensive bruising
11 sheeps livers ...	11 "	...Fluke disease
3 sheep livers ...	3 "	...Cysts
1 sheep liver ...	1 "	...Degenerate Strongyles
3 sets of lungs ...	3 "	...Cysts
2 " " " ...	2 "	...Strongylus Rufescens
		<hr/> 34 lbs. <hr/>

Pork.

15 whole carcasses and organs	143 stones...	Generalised T.B.
10 " " " ...	90 $\frac{1}{4}$ " ...	Moribund
3 " " " ...	62 $\frac{1}{2}$ " ...	Swine Fever
2 " " " ...	13 $\frac{3}{4}$ " ...	Septicaemia
1 " " " ...	9 $\frac{1}{2}$ " ...	Jaundice with Fever
1 side of pork ...	4 " ...	Tuberculosis
4 hindquarters...	15 $\frac{1}{2}$ " ...	"
2 " " ...	3 $\frac{1}{2}$ " ...	Extensive bruising
11 forequarters ...	21 $\frac{3}{4}$ " ...	Tuberculosis
2 " " ...	6 " ...	Acute Pleurisy
Parts of carcasses	56 $\frac{3}{4}$ " ...	Tuberculosis
" " ...	9 " ...	Abscesses
" " ...	3 $\frac{3}{4}$ " ...	Extensive bruising
" " ...	3 $\frac{1}{4}$ " ...	Acute Pleurisy
Portions of belly	1 $\frac{1}{2}$ " ...	Dropsical
Part of carcass	$\frac{1}{2}$ " ...	Peritonitis
5 carcasses skinned	5 " ...	Urticaria
Leaf fats ...	1 $\frac{1}{4}$ " ...	Peritonitis
" " " ...	$\frac{1}{4}$ " ...	Abscesses
1591 pig's heads ...	1591 " ...	Tuberculosis
3 " " " ...	3 " ...	Abscesses
1612 mesenteric fats	115 $\frac{1}{4}$ " ...	Tuberculosis
369 pig's plucks ...	184 $\frac{1}{2}$ " ...	"
123 " " " ...	61 $\frac{1}{2}$ " ...	Pleurisy and Peritonitis
122 " " " ...	61 " ...	Pneumonia and Cirrhosis
13 " " " ...	7 $\frac{1}{2}$ " ...	Valvular Endocarditis
6 " " " ...	3 " ...	Congestion
654 pig's livers ...	163 $\frac{1}{2}$ " ...	Cirrhosis
69 " " " ...	17 $\frac{1}{4}$ " ...	Tuberculosis
34 " " " ...	8 $\frac{1}{2}$ " ...	Abscesses
23 " " " ...	5 $\frac{3}{4}$ " ...	Fatty Degeneration
12 " " " ...	3 " ...	Cysts
10 " " " ...	2 $\frac{1}{2}$ " ...	Peritonitis
6 " " " ...	1 $\frac{1}{2}$ " ...	Congestion
113 pig's kidneys...		Tuberculosis
105 " " " ...		Cysts
31 " " " ...	7 $\frac{1}{4}$ " ...	Nephritis
12 " " " ...		Congestion
11 " " " ...		Decomposition

524 pig's hearts ...	...	18 $\frac{3}{4}$ stones	Pericarditis
1175 sets of lungs ...	}		...Pneumonia
483 " " ...		281 $\frac{1}{2}$ "	...Pleurisy
312 " " ...			...Tuberculosis
		<hr/>	
		2985 $\frac{1}{4}$ stones	

Total weight of meat condemned and destroyed during 1939 :—

		<i>Tons.</i>	<i>Cwts.</i>	<i>Stns.</i>	<i>Lbs.</i>
Beef ...	...	8	1	—	—
Pork ...	...	18	13	1	3 $\frac{1}{2}$
Mutton	...	—	—	2	6
Total		<hr/> 21 <hr/>	<hr/> 14 <hr/>	<hr/> 3 <hr/>	<hr/> 9 $\frac{1}{2}$ <hr/>

From the table it will be seen that 470 cattle excluding cows were killed, 45 or 13·47^o/_o were affected by tuberculosis in some form, whereas 13 or 2·76^o/_o were affected by some other disease than tuberculosis.

508 cows were killed, and of those 119 or 23·62^o/_o were affected with some type of tuberculosis, whereas 18 or 3·54^o/_o were found to be affected by some other disease.

1,674 sheep and lambs were killed. None was found to be suffering from tuberculosis and only 18 were found to be affected by some other disease.

17,395 pigs inspected and 2,061 or 11·93^o/_o were found to be affected with some form of tuberculosis whereas 2,327 or 13·47^o/_o were found to be affected by some other disease.

The number of seizures or surrenders this year amounts to 4,634 against 5,405 last year, and 1,363 for the year before that.

The weight of material condemned was 21 $\frac{3}{4}$ tons as against 25 $\frac{1}{2}$ tons last year.

Milk and other Foods.

5 official samples of milk were taken from the retailers of the district and submitted to the Public Analyst.

1 sample was found to be below standard in that it did not contain the minimum proportion of fat. The retailer was warned by the County Council.

1 sample was taken from a producer for bacteriological examination and proved to be satisfactory.

Cowsheds have been regularly inspected and no statutory action had to be taken although 4 informal notices requiring limewashing were sent.

Bakehouses were regularly inspected during the year. There was no cause for any complaint.

Offensive Trades.

Fish frying is an offensive trade which requires a considerable amount of attention and many visits were made to ensure that premises carrying out the trade are kept in a clean state and create no nuisance.

One fish shop was completely reconstructed during the year and small improvements made at several other premises.

No complaint has had to be made concerning the one Knacker's yard in the district.

Factories and Workshops.

Many visits were made to factories and workshops in the district. 1 notice was received from the Factory Inspector in respect to a factory where sanitary accommodation for the separate sexes was not indicated by a notice.

Smoke Abatement.

12 observations were made of the 7 chimneys in the district, and again the only delinquent was the chimney belonging to a Colliery Company. The Company were warned but war intervened before further action could be taken.

Housing.

As stated previously, 14 areas with 63 houses were finally condemned after an inquiry by an Inspector of the Ministry of Health. These houses involved 193 persons.

During the year 9 representations of unfit houses were made and demolition orders were made in 4 cases. 6 dwelling houses were demolished in pursuance of Demolition Orders.

46 houses were made fit after service of informal notices, and 2 after service of formal statutory notices.

Reference to the early part of my Report will shew that 279 houses have been dealt with in 48 Clearance Areas involving 994 persons, that 60 Demolition Orders have been made and 14 Closing Orders. There have been 22 undertakings to repair, 4 undertakings not to use certain premises for habitation, and leaving one representation still under consideration.

No new case of overcrowding was reported during the year, but 71 cases of overcrowding were relieved, the number of persons affected being 422. At the end of the year we had 94 dwellings overcrowded involving 105 families and 575 persons.

During the year 74 houses were completed by the local authority and 39 by private enterprise.

Summary of Improvements to Dwelling Houses during 1939.

(a)	Improvements for external dilapidations or to prevent dampness, such as repairs or renewing of gutters, rainwater pipes, walls, provision of open areas, etc.	83
(b)	Improvements for internal dilapidations or defects including repairs and renewals to floors, walls, ceilings, windows, and provision of food pantries....	114
(c)	Improved means of ventilation to living rooms and pantries, such as the insertion of air grates....	
(d)	Improvements of closets and ashpits, including the conversions of privies into water closets, substitution of ashbins for ashpits, additional means of closet accommodation, etc.	68
(e)	Improvements to drainage, including drains re-laid, chambers inserted, ventilation provided, etc.	15
Total ...		<hr/> 280 <hr/>

Privy Conversions.

One privy was converted into a water closet during the year.

The table shews the types and number of conveniences in the area.

No. and Type of Closet			No. and Type of Ashpits				Cess-pools emptied by Sanitary Staff	Trough Closets flushed by Sanitary Staff
Privies to convert in all parts of the District	Water Carriage System				Dry Ashpits			
	Fresh Water	Waste Water or Hand Flushed	Total No. of Ashpits of all kinds	Ashpits connected with Privies	Fixed Ashpits	Mov-able Ashbins		
174	4324	12	4023	146	92	3931	15	Nil.

Cesspools.

The 15 cesspools in the district are cleansed by mechanical emptier each month by arrangement with Rothwell U.D.C. The work is done satisfactorily and most hygienically.

Disinfection.

Disinfection of infected premises is done by means of liquid formalin and formalin lamps.

A steam disinfector is most certainly necessary as soon as it is possible to procure one.

Number of disinfections ... 160

Verminous Premises and Bug Infestation.

11 Council houses were found to be infested with bugs and 17 other houses were also found to be verminous.

The Council houses were sprayed with liquid insecticide without disturbing the tenants, except in two cases which were so badly infested as to require the houses to be vacant for treatment.

Notice to quit was served and one tenant had to be ejected by the Police, but the other left without any legal proceedings being necessary.

The first house was then sprayed by the Department with liquid insecticide, redecorated and is now free from vermin.

Spraying failed to clear the second case and eventually this house (together with the adjoining one) was successfully treated with H.C.N. gas.

Before tenants from Clearance Areas are allowed into Council houses their furniture must be disinfested with H.C.N. The furniture from other proposed tenants is also treated with H.C.N. at the discretion of the Sanitary Inspector.

H.C.N. disinfestation is carried out by a Contractor.

Cockroach Infestation.

17 householders complained of cockroach or beetle infestation. All were supplied with beetle powder free of charge and no further complaint was received.

Miscellaneous Table.

Letters sent out—General	...	...	1858
—A.R.P.	...	...	384
—A.F.S.	...	...	73
Informal notices--Housing	...	...	16
—Various	...	...	60
Legal notices--Abatement of nuisances	...	...	1
—Housing ...	...	...	Nil.

I remain, Ladies and Gentlemen,

Your obedient Servant,

R. BLAKEY, C.R.S.I.

